

**RAPORT ZILNIC PRIVIND CALITATEA AERULUI IN MUNICIPIUL SEBES  
09 AUGUST 2021**



**DATE CALITATE AER MUNICIPIUL SEBES -**

**SISTEM PROPRIU DE MASURARE - Kogalniceanu, nr. 114 A**

Valori medii orare

Time	PM1	PM2.5	PM4	PM10	PMtot	Benzen	Toluen	Etil-benzen	CO	NO	NO2	NOx	O3	SO2	Formald ehide
h:min	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3	µg/m3	µg/m3	µg/m3	µg/m3	µg/m3	mg/m3
1:00	7.05	9.22	11.39	19.69	30.67	0.65	3.08	10.61	0.30	3.97	40.08	46.14	20.67	10.18	0.005
2:00	6.42	8.10	9.92	15.80	23.23	0.46	2.11	9.48	0.27	3.65	32.08	37.66	25.49	10.04	
3:00	5.82	7.09	8.38	13.15	19.17	0.35	2.13	9.23	0.27	3.90	35.72	41.68	18.39	10.08	
4:00	5.89	6.89	7.96	11.26	14.89	0.33	1.93	9.29	0.26	4.09	36.80	43.06	12.63	10.04	
5:00	6.18	7.21	8.30	11.49	15.24	0.50	2.42	9.53	0.27	4.52	35.77	42.68	11.40	10.01	
6:00	6.63	7.82	8.94	13.56	19.84	0.50	2.45	10.35	0.28	8.82	33.85	47.33	9.21	10.02	
7:00	10.67	12.59	14.56	21.95	30.99	0.69	2.95	9.57	0.30	17.63	39.37	66.32	4.45	10.25	
8:00	13.16	15.52	17.82	27.81	42.12	0.65	2.91	9.65	0.36	20.46	35.27	66.54	9.88	10.33	
9:00	7.36	9.51	11.45	22.16	40.45	0.45	1.77	9.19	0.29	6.60	21.61	31.68	33.33	10.32	
10:00	8.60	10.64	12.63	20.96	32.67	0.26	1.28	8.99	0.29	3.64	14.97	20.53	52.63	10.32	
11:00	8.93	10.58	12.34	17.69	24.83	0.40	1.84	10.14	0.30	4.05	14.66	20.84	62.40	10.17	
12:00	8.23	9.66	11.07	16.53	26.32	0.16	1.27	10.47	0.29	3.89	11.98	17.92	67.20	10.25	
13:00	7.42	8.66	9.99	14.79	23.25	0.20	1.20	10.44	0.27	3.45	10.22	15.49	72.62	10.26	
14:00	6.33	7.31	8.31	11.87	17.06	0.17	1.09	10.10	0.26	3.35	8.92	14.04	77.52	10.40	
15:00	7.28	8.57	9.76	15.53	26.04	0.49	2.28	11.54	0.27	3.60	12.33	17.83	87.38	11.17	
16:00	8.22	9.51	10.71	16.21	25.65	0.27	1.38	10.50	0.29	3.47	11.12	16.43	92.16	12.49	
17:00	10.37	12.00	13.44	20.28	30.97	0.48	1.33	9.96	0.30	3.51	11.79	17.17	92.86	12.94	
18:00	10.81	12.21	13.53	18.48	26.64	0.35	1.17	9.54	0.30	3.24	11.73	16.69	96.44	13.17	
19:00	11.17	12.67	14.09	19.88	29.28	0.37	1.94	9.52	0.30	3.46	13.28	18.56	96.52	12.70	
20:00	10.00	12.14	14.17	24.13	42.65	0.13	1.35	8.21	0.32	3.56	18.42	23.85	78.05	11.42	
21:00	10.81	14.02	16.82	34.62	63.34	0.21	1.94	6.17	0.37	3.52	29.40	34.77	62.21	11.17	
22:00	13.19	16.10	18.74	31.66	50.02	0.72	n/a	n/a	0.37	3.79	28.81	34.61	55.33	11.10	
23:00	14.39	16.85	19.31	28.56	42.75	0.28	3.79	5.84	0.38	3.92	27.68	33.68	45.56	10.89	
24:00	14.76	17.35	19.97	29.83	45.03	0.36	2.63	5.83	0.45	3.98	33.22	39.32	37.23	10.63	
<b>Min</b>	<b>5.82</b>	<b>6.89</b>	<b>7.96</b>	<b>11.26</b>	<b>14.89</b>	<b>0.13</b>	<b>1.09</b>	<b>5.83</b>	<b>0.26</b>	<b>3.24</b>	<b>8.92</b>	<b>14.04</b>	<b>4.45</b>	<b>10.01</b>	
<b>Max</b>	<b>14.76</b>	<b>17.35</b>	<b>19.97</b>	<b>34.62</b>	<b>63.34</b>	<b>0.72</b>	<b>3.79</b>	<b>11.54</b>	<b>0.45</b>	<b>20.46</b>	<b>40.08</b>	<b>66.54</b>	<b>96.52</b>	<b>13.17</b>	
<b>Medie</b>	<b>9.15</b>	<b>10.93</b>	<b>12.65</b>	<b>19.91</b>	<b>30.96</b>	<b>0.39</b>	<b>2.01</b>	<b>9.31</b>	<b>0.31</b>	<b>5.34</b>	<b>23.71</b>	<b>31.87</b>	<b>50.90</b>	<b>10.85</b>	

**Indice specific privind calitatea aerului in Municipiul Sebes - ORDIN 1818/2020**

Particule in suspensie (PM2,5)	2
Dioxid de azot (NO2)	2
Dioxid de sulf (SO2)	1
Ozon (O3)	2
Particule in suspensie (PM10)	1

1	Bun
2	Acceptabil
3	Moderat
4	Rau
5	Foarte rau
6	Extrem de rau

Indice zilnic general	2
-----------------------	---

\*Metoda de determinare utilizată de analizoarele ce compun sistemul este metoda automată

**Limite maxime admise**

Monoxid de carbon - (CO)	10 mg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Ozon - (O3)	120 µg/mc - valoarea maxima zilnica a mediilor pe 8 ore	Legea 104/2011
Dioxid de azot- (NO2)	200 µg/mc limita orara ; 40 µg/mc limita anuala	Legea 104/2011
Dioxid de sulf - (SO2)	350 µg/mc limita orara ; 125 µg/mc limita zilnica	Legea 104/2011
Pulberi in suspensie (PM10)	50 µg/mc limita zilnica ; 40 µg/mc limita anuala ;	Legea 104/2011
Pulberi in suspensie (PM2.5)	20 µg/mc limita anuala	Legea 104/2011
Benzen - (C6H6)	5 µg/mc limita anuala	Legea 104/2011
Formaldehida - (CHOH)	0.012 mg/mc media la 24 h	STAS 12574/87